

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2018
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	410	522	0	2,700	60,510	7,435	5,592	1,678	26,360
Petroleum Products	17,515	301	0	16,545	35,145	7,466	4,690	104,965	23,403
Natural Gas Liquids	8,105	147	0	3,815	22,238	3,875	599	1,548	6,703
Ethane	5,997	0	—	0	11,552	434	—	0	883
Propane	1,057	120	0	2,581	6,776	1,893	199	1,497	953
Normal Butane	370	26	0	947	1,769	822	265	46	354
Isobutane	421	1	0	287	660	297	135	5	492
Natural Gasoline	260	0	—	0	1,481	429	—	0	4,021
Refinery Olefins	0	0	—	292	658	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	292	658	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	55	0	—	0	697	—	—	0	439
Motor Gasoline Blending Components	6,364	0	0	1,376	1,868	1,394	0	54,138	7,570
Reformulated - RBOB	0	0	0	0	311	—	0	8,286	3,050
Conventional	6,364	0	0	1,376	1,557	1,394	0	45,852	4,520
CBOB	6,364	0	0	1,376	1,344	1,394	0	45,768	4,060
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	213	—	—	84	460
Renewable Fuels	0	0	0	8,765	7,048	489	4,041	494	0
Fuel Ethanol	0	0	0	8,633	6,785	436	3,760	494	0
Renewable Diesel Fuel ²	0	0	0	132	262	53	281	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	92	0	0	284	383	151	0	6,635	509
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	92	0	0	284	383	151	0	6,635	509
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	92	0	0	284	383	151	0	6,635	509
Finished Aviation Gasoline	—	0	—	0	0	—	—	99	—
Kerosene-Type Jet Fuel	271	0	0	156	55	892	0	15,647	2,232
Kerosene	—	0	—	0	0	—	—	368	—
Distillate Fuel Oil	2,628	0	0	998	625	665	0	25,160	5,049
15 ppm sulfur and under	2,628	0	0	998	625	665	0	23,371	4,771
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	175	278
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	1,614	—
Residual Fuel Oil	0	116	—	0	897	—	—	0	0
Petrochemical Feedstocks	0	0	—	0	136	—	—	36	0
Naphtha for Petrochemical Feedstock Use	0	0	—	0	90	—	—	36	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	46	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	23
Lubricants	0	0	—	0	0	—	—	310	154
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	204	282	0	0	0	0
Asphalt and Road Oil	0	38	0	656	259	0	50	530	724
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	17,925	823	0	19,245	95,655	14,901	10,283	106,643	49,763

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2018
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	181	0	24,147	693	50	0	0	0
Petroleum Products	0	4,961	0	8,759	8,544	2,055	0	77	25
Natural Gas Liquids	0	118	0	7,512	8,254	271	0	0	0
Ethane	0	—	0	1,598	3,128	—	0	0	0
Propane	0	0	0	3,084	2,653	202	0	0	0
Normal Butane	0	72	0	1,333	932	60	0	0	0
Isobutane	0	46	0	575	522	9	0	0	0
Natural Gasoline	0	—	0	922	1,019	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,605	0	148	0	1,068	0	0	0
Reformulated - RBOB	—	2,346	0	0	0	0	0	0	—
Conventional	0	1,259	0	148	0	1,068	0	0	0
CBOB	0	1,259	0	148	0	1,068	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	—
Renewable Fuels	0	301	0	0	0	0	0	0	0
Fuel Ethanol	0	286	0	0	0	0	0	0	0
Renewable Diesel Fuel ²	0	15	0	0	0	0	0	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	355	0	286	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	355	0	286	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	355	0	286	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	0	—
Kerosene-Type Jet Fuel	0	289	0	12	0	0	0	0	0
Kerosene	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil	0	568	0	472	0	126	0	0	0
15 ppm sulfur and under	0	568	0	472	0	126	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	—	0	0	0	—	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	0	86	23	0	77	25
Asphalt and Road Oil	0	80	0	260	203	282	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	5,143	0	32,906	9,237	2,106	0	77	25

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.